

TYPE SPECIMENS OF DECAPODA (CRUSTACEA)
IN THE COLLECTIONS OF THE SOUTH AFRICAN MUSEUM

By

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INTRODUCTION

According to the recommendation 72D of the International Code of Zoological Nomenclature (1964), institutions holding type material should publish lists of their type holdings. This is the first of the crustacean type lists of the holdings of the South African Museum, and has been consciously modelled on a publication of the British Museum (Natural History) (Thurston & Allen 1969), as it was felt that the format of the latter was particularly concise and lucid.

The name under which a species was first described is placed in square brackets if this name has since been submerged. The current name is then placed in round brackets, following the original reference.

If a valid species has been transferred from the original to another genus, the current name and reference is followed by the original name in round brackets.

Where one of several specimens of a species from the same locality was sent to T. R. R. Stebbing, who subsequently described it as a new species, the specimens which he did not see are designated as topotypes.

Where a species was described from more than one specimen (even if from a single male and a single female) without a holotype being chosen, the specimens are designated as syntypes.

HISTORICAL DISCUSSION

Much the largest number of undescribed decapods were collected by the S.S. *Pieter Faure*. This was a steam-trawler purchased by the Government of the Cape Colony in 1897, to assist with the first Marine Biological Survey. The survey covered the area from St. Helena Bay in the west to East London and, later, from Cape Vidal in Zululand to the south coast of Natal.

The S.S. *Pickle*, a vessel of the Government of the Union of South Africa conducted a marine survey of Moçambique in 1925-6, the results of which were reported on by K. H. Barnard in 1926.

Some undescribed material was obtained by the R/V *Africana II*, largest of the Division of Sea Fisheries research ships.

Material from the south-west Indian Ocean was obtained on the seventh cruise of the United States National Science Foundation R/V *Anton Bruun*, while participating in the International Indian Ocean Expedition in 1964.

The zoology departments of two South African universities have also contributed to the list of new decapod species. These are the University of the Witwatersrand, and the University of Cape Town. The latter has covered much of the coastline of South Africa during surveys of the shore and estuarine fauna, while the operations of the University of Cape Town research ship *John D. Gilchrist* have also yielded undescribed species.

Individual collectors have also contributed to the fauna list. These include J. D. Gilchrist, Government Marine Biologist during the early part of this century, K. H. Barnard, of the South African Museum, and H. W. Bell-Marley of Natal.

CRUSTACEA

DECAPODA

REPTANTIA

BRACHYURA

Family *Majidae*

Subfamily *Inachinae*

ACHAEUS Leach

Achaeus barnardi Griffin, 1968: 81.

Holotype: S.A.M. A1392 (male; chelipeds and pereiopods missing; in alcohol).

Paratypes: S.A.M. A1392 (2 males, 1 ovigerous female; most pereiopods detached; in alcohol).

Locality: Off Cape Morgan, Cape Province, 36 fathoms.

Collected by: S.S. *Pieter Faure*.

Achaeus spinosissimus Griffin, 1968: 76.

Holotype: S.A.M. A8309 (male; most pereiopods detached; in alcohol).

Locality: Off Hood Point, Cape Province, 49 fathoms.

Collected by: S.S. *Pieter Faure*.

PLATYMAIA Miers

Platymaia turbynei Stebbing, 1902: 3.

Syntypes: S.A.M. A1358–A1362 (15 females, 23 males; numerous loose appendages; in alcohol).

Locality: Off Durban, Natal, 440 fathoms.

Collected by: S.S. *Pieter Faure*.

DEHAANIUS Macleay

Dehaanius undulatus Barnard, 1947: 361.

Syntypes: S.A.M. A3131 (2 females; 1 perfect, 1 with all pereopods detached; dry). S.A.M. A6353 (1 male; carapace broken, 1 cheliped present; dry). S.A.M. A6376 (1 female; all pereopods detached; dry).

Localities: Durban, Natal; Delagoa Bay, Moçambique.

Collected by: H. W. Bell-Marley, K. H. Barnard.

Subfamily *Acanthonychinae**MENAETHIOPS* Alcock

Menaethiops delagoae Barnard, 1955: 13.

Holotype: S.A.M. A10906 (male; dry).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

Menaethiops natalensis Barnard, 1955: 13.

Syntypes: S.A.M. A10904 (male; dry). S.A.M. A10905 (1 male, 2 females; dry).

Localities: S.A.M. A10904 Umpangazi, Natal. S.A.M. A10905 Delagoa Bay, Moçambique.

Collected by: University of Cape Town, University of the Witwatersrand.

Subfamily *Pisinae**EURYNOME* Leach

Eurynome elegans Stebbing, 1921: 454.

Holotype: S.A.M. A1610 (female; most appendages detached; dry).

Locality: Cape Vidal, Natal NNE $\frac{1}{4}$ N, 15 km, 80 fathoms.

Collected by: S.S. *Pieter Faure*.

Family *Hymenosomatidae**RHYNCHOPLAX* Stimpson

Rhynchoplax bovis Barnard, 1947: 362.

Syntypes: S.A.M. A8454 (male; pereopods missing; in alcohol). S.A.M. A8336 (3 females; most appendages detached; in alcohol).

Localities: S.A.M. A8454, 25 km west of East London, Cape Province, 37 fathoms. S.A.M. A8336, Port Elizabeth, Cape Province.

Collected by: S.S. *Pieter Faure*.

Family **Retroplumidae**

RETROPLUMA Gill

Retropluma planiforma Kensley, 1969: 158.

Holotype: S.A.M. A12644 (female; 3 pereopods missing; in alcohol).

Paratypes: S.A.M. A12643, A12645 (2 males, 3 females; several appendages missing or detached; in alcohol).

Locality: 29.37S, 31.33E, 175–200 metres.

Collected by: R/V *Anton Bruun*, 7th Cruise.

Family **Palicidae**

PALICUS Philippi

Palicus sexlobata Kensley, 1969: 156.

Holotype: S.A.M. A12642 (male; 1 chela, 2 pereopods detached, rest missing; in alcohol).

Locality: 24.46S, 35.18E, 110 metres.

Collected by: R/V *Anton Bruun*, 7th Cruise.

Family **Ocypodidae**

CLEISTOSTOMA de Haan

Cleistostoma algoense Barnard, 1954: 122.

Syntypes: S.A.M. A850 (1 ovigerous female; carapace, most pereopods detached; in alcohol). S.A.M. A8493 (1 ovigerous female; 3 males; all pereopods detached; dry).

Locality: Zwartkops Estuary, near Port Elizabeth, Cape Province.

Collected by: University of Cape Town.

PARACLEISTOSTOMA de Man

Paracleistostoma fossula Barnard, 1955: 24.

Holotype: S.A.M. A10778 (ovigerous female; all pereopods detached; in alcohol).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

Family **Grapsidae***ILYOGRAPSUS* Barnard

[*Ilyograpsus rhizophorae*] Barnard, 1955: 26. (Transferred to *I. paludicola* (Rathbun) by Crosnier, 1965.)

Holotype: S.A.M. A10913 (male; all pereopods detached; in alcohol).

Locality: Inhambane, Moçambique.

Collected by: University of Cape Town.

Family **Portunidae***LUPOCYCLUS* Adams & White

Lupocyclus tugelae Barnard, 1950: 148.

Holotype: S.A.M. A8320 (female; 4 detached pereopods; dry).

Locality: Off Tugela River mouth, Natal, 36 fathoms.

Collected by: S.S. Pieter Faure.

THALAMITA Latreille

Thalamita delagoae Barnard, 1950: 178.

Holotype: S.A.M. A10870 (male; all pereopods detached; dry).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

[*Thalamita inhacae*] Barnard, 1950: 179. (Transferred to *T. bouvieri* Nobili, by Crosnier, 1962.)

Holotype: S.A.M. A10871 (female; 3 pereopods missing, rest detached; dry).

Locality: Inhaca Island, Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

XAIVA Macleay

Xaiva mcleayi (Barnard), 1947: 363 (as *Portumnus mcleayi*).

Syntypes: S.A.M. A631, A632 (3 males, 6 females; in alcohol).

Localities: Algoa Bay, Cape Province, to Port Shepstone, Natal.

Collected by: S.S. Pieter Faure.

Family **Xanthidae**Section *HYPEROMERISTA**DAIROIDES* Stebbing

Dairoides margaritatus Stebbing, 1920: 234.

Syntypes: S.A.M. A1606 (2 males; 1 dry, carapace fragmented, 1 in alcohol).

Locality: Durnford Point, Natal $NM\frac{3}{4}W$, 19 km, 90 fathoms.

Collected by: S.S. Pieter Faure.

LYBIA Milne Edwards

Lybia plumosa Barnard, 1947: 364.

Holotype: S.A.M. A10847 (female; all pereopods detached; dry).

Locality: Umtwalumi, Natal.

Collected by: University of Cape Town.

Family **Goneplacidae**

HEXAPUS de Haan

Hexapus stebbingi Barnard, 1947: 366.

Syntypes: S.A.M. A434-7, A847-8, A1611 (5 ovigerous females, 13 females, 7 males; in alcohol).

Localities: S.A.M. A434-7, Sebastian Bay, Cape Province, 20-34 fathoms.

A847, 33.52S, 25.43E, $16\frac{1}{2}$ fathoms. A848, Riet Point, Cape Province,

NE by E, 3 km, 23 fathoms. A1611, Cape St. Blaize, Cape Province,

SW by $W\frac{1}{4}W$, 10 km, 15 fathoms.

Collected by: S.S. Pieter Faure.

OMMATOCARCINUS White

Ommatocarcinus pulcher Barnard, 1950: 286.

Holotype: S.A.M. A8322 (male; 6 pereopods detached; in alcohol).

Locality: Natal coast, 28 fathoms.

Collected by: H. W. Bell-Marley.

THAUMASTOPLAX Miers

Thaumastoplax spiralis Barnard, 1950: 301.

Syntypes: S.A.M. A8487 (3 males, 1 female; in alcohol).

Locality: Off St. Helena Bay, Cape Province.

Collected by: S.S. Pieter Faure.

XENOPHTHALMODES Richters

Xenophthalmodes brachyphallus Barnard, 1955: 34.

Syntypes: S.A.M. A10825 (1 male, 1 female; dry).

Locality: Inhambane, Moçambique.

Collected by: University of Cape Town.

Family **Dromiidae****CRYPTODROMIOPSIS** Borradaile

Cryptodromiopsis bituberculata (Stebbing), 1920: 254 (as *Eudromia bituberculata*).

Holotype: S.A.M. A858 (female; carapace detached; in alcohol).

Locality: Off Rooi Els River, False Bay, Cape Province, 18 fathoms.

Collected by S.S. *Pieter Faure*.

Cryptodromiopsis lepidota Barnard, 1947: 369.

Holotype: S.A.M. A814 (female; 2 pereopods detached; dry).

Locality: Off Hood Point Lighthouse, near East London, Cape Province, 49 fathoms.

Collected by: S.S. *Pieter Faure*.

DROMIDIA Stimpson

Dromidia aegibotus Barnard, 1947: 366.

Syntypes: S.A.M. A769 (1 male, 1 female; in alcohol). S.A.M. A770 (1 male, 1 female; in alcohol). S.A.M. A778 (1 male; in alcohol).

Localities: S.A.M. A769, False Is., Algoa Bay, Cape Province, 38 fathoms.

S.A.M. A770, False Bay, Cape Province. S.A.M. A778, Rocky Bank, False Bay, Cape Province, 17–27 fathoms.

Collected by: S.S. *Pieter Faure*.

Dromidia dissothrix Barnard, 1947: 367.

Holotype: S.A.M. A879 (1 female; 7 pereopods detached; dry).

Locality: Off Hout Bay, Cape Province.

Collected by S.S. *Pieter Faure*.

DROMIDIOPSIS Borradaile

Dromidiopsis cornuta Barnard, 1947: 367.

Syntypes: S.A.M. A856 (male; all pereopods detached; dry). S.A.M. A8237 (female; all pereopods detached; dry).

Localities: S.A.M. A856, Cape St. Blaize, Cape Province, NE $\frac{3}{4}$ N, 16 km, 39 fathoms. S.A.M. A8237, False Bay, Cape Province, 23 fathoms.

Collected by: S.S. *Pieter Faure*.

EUDROMIDIA Barnard

Eudromidia hendersoni (Stebbing), 1921: 462 (as *Eudromia hendersoni*).

Holotype: S.A.M. A813 (female; carapace and pereopods detached; dry).

Locality: False Bay, Cape Province, 19 fathoms.

Collected by: S.S. *Pieter Faure*.

PETALOMERA Stimpson

Petalomera laevis Kensley, 1970: 111.

Holotype: S.A.M. A12824 (Ovigerous female; in alcohol).

Paratype: S.A.M. A12825 (male; in alcohol).

Locality: Jangamo, Moçambique.

Collected by: University of Cape Town.

Family **Dynomenidae**[**MAXILLOTHRIX**] Stebbing

[*Maxillothrix actaeiformis*] Stebbing, 1921: 457. (Transferred to *Dynomene pilumnoides* Alcock, by Barnard, 1947.)

Syntypes: S.A.M. A839 (1 male, 3 females; most appendages detached; in alcohol).

Locality: Umhlangakulu River, Natal, NW by N, 12 km, 50 fathoms.

Collected by: S.S. Pieter Faure.

Family **Homolidae****HOMOLA** LeachSubgenus **PAROMOLA** Wood-Mason

Homola (Paromola) alcocki (Stebbing), 1920: 255 (as *Latreillopsis alcocki*).

Holotype: S.A.M. A1450 (female; carapace detached; in alcohol).

Locality: Algoa Bay, Cape Province, 40 fathoms.

Collected by: S.S. Pieter Faure.

Family **Leucosiidae****EBALIA** Leach

Ebalia agglomus Barnard, 1955: 39.

Holotype: S.A.M. A10739 (male; carapace fragmented; pereopods excluding chelipeds missing; dry).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

Ebalia (Lithadia) barnardi Stebbing, 1920: 248.

Holotype: S.A.M. A504 (female; all pereopods detached; dry).

Locality: Umhloti River, Natal, NW by W $\frac{3}{4}$ W, 4 km, 25 fathoms.

Collected by: S.S. Pieter Faure.

Ebalia glomus Stebbing, 1921: 460.

Syntypes: S.A.M. A503 (1 male, 1 female; all pereopods detached; dry).

Locality: Umhloti River, Natal, NNW, 2 km, 27 fathoms.

Collected by: S.S. Pieter Faure.

[*Nursia postulans*] Stebbing, 1921: 461. (Transferred to *Ebalia tuberculosa* (M. Edw.) by Barnard, 1950.)

Holotype: S.A.M. A502 (1 male; carapace and pereopods detached; dry).

Locality: Cape Natal, W by N $\frac{3}{4}$ N, 17 km, 185 fathoms.

Collected by: S.S. Pieter Faure.

HETERONUCCIA Alcock

Heteronucia angulata Barnard, 1947: 372.

Holotype: S.A.M. A8210 (1 female; all pereopods detached; dry).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

Family Tymolidae

CORYCODUS Milne Edwards

Corycodus disjunctipes (Stebbing), 1910: 340 (as *Nasinatalis disjunctipes*).

Syntypes: S.A.M. A516, A517, (3 females; dry, in same container as S.A.M. A1456 & A1609).

Locality: Cape Natal, NW $\frac{1}{2}$ W, 9 km, 62 fathoms.

Collected by: S.S. Pieter Faure.

CYMONOMUS Milne Edwards

Cymonomus trifurcus Stebbing, 1920: 245.

Holotype: S.A.M. A884 (1 male; carapace and all appendages detached; dry).

Locality: Buffalo River, Cape Province, NW $\frac{1}{2}$ W, 30 km, 300 fathoms.

Collected by: S.S. Pieter Faure.

ETHUSA Roux

Ethusa sinespina Kensley, 1969: 161.

Holotype: S.A.M. A12648 (1 ovigerous female; pereopods detached; in alcohol).

Paratype: S.A.M. A12649 (1 female; 7 pereopods missing; in alcohol).

Localities: A12648, 29.42S, 31.38E, 350 metres. A12649, 29.35S, 31.42E, 138 metres.

Collected by: R/V *Anton Bruun*, 7th Cruise.

XEINOSTOMA Stebbing

Xeinostoma eucheir Stebbing, 1920: 243.

Syntypes: S.A.M. A1608 (1 male, 1 female; several pereopods detached; dry).

Locality: Cape Vidal, Natal, NNE $\frac{1}{4}$ N, 15 km, 90 fathoms.

Collected by: S.S. *Pieter Faure*.

ANOMURA

Family **Lithodidae***NEOLITHODES* Milne Edwards & Bouvier

Neolithodes asperrimus Barnard, 1947: 374.

Syntypes: S.A.M. A6371 (1 male; dry, 1 female; in alcohol).

Locality: Off Saldanha Bay, Cape Province, 300 fathoms.

Collected by: Trawler *Ben Holden*, Cape Town.

Neolithodes capensis Stebbing, 1905: 70.

Topotype: S.A.M. A8230 (1 ovigerous female; in alcohol).

Locality: Off Cape Point Cape Province, N 70° E, 64 km, 800 fathoms.

Collected by: ?

Family **Pomatochelidae***POMATOCHELES* Miers

Pomatocheles balssi Stebbing, 1914: 3.

Holotype: S.A.M. A1571 (1 male; carapace and appendages detached; dry).

Locality: Cove Rock, Cape Province, NW $\frac{3}{4}$ W, 21 km, 80–130 fathoms.

Collected by: S.S. *Pieter Faure*.

Family **Paguridae***ANAPAGURUS* Henderson

Anapagurus hendersoni Barnard, 1947: 377.

Syntypes: S.A.M. A1500–03, (7 males, 1 female, 5 ovigerous females; in alcohol). S.A.M. A8225–6 (1 male; in alcohol).

Localities: S.A.M. A1500, Bird Island passage, Cape Province, 10 fathoms.

A1501, Cape Natal, W by N, 10 km, 48 fathoms. A1502, Umhloti River,

Natal, NW $\frac{1}{2}$ W, 24 km, 100 fathoms. A1503, Cape Natal, W by N, 10 km,

54 fathoms. A8225, East London, Cape Province, NW $\frac{1}{2}$ N, 32 km,

400 fathoms.

Collected by: S.S. *Pieter Faure*.

CANCELLUS Milne Edwards

Cancellus makrothrix Stebbing, 1924: 6.

Topotype: S.A.M. A1541 (1 male; in alcohol).

Locality: Bird Island passage, Cape Province, 10 fathoms.

Collected by: S.S. Pieter Faure.

DIOGENES Dana

Diogenes extricatus Stebbing, 1910: 355.

Holotype: S.A.M. A1491 (male; in alcohol).

Locality: Off Seal Island, Mossel Bay, Cape Province.

Collected by: S.S. Pieter Faure.

PAGURISTES Dana

Paguristes barnardi Forest, 1954: 208.

Syntypes: S.A.M. A12779 (3 males; in alcohol). S.A.M. A12780 (2 males, 1 ovigerous female; in alcohol).

Localities: S.A.M. A12779, Agulhas, Cape Province. S.A.M. A12780, Arniston, Cape Province.

Collected by: University of Cape Town.

Paguristes engyops Barnard, 1947: 375.

Syntypes: S.A.M. A3255 (3 males, 1 female, 3 ovigerous females; in alcohol).

Locality: Buffels Bay, Cape Province.

Collected by: K. H. Barnard.

Paguristes macrotrichus Forest, 1954: 211.

Holotype: S.A.M. A851 (female; in alcohol).

Locality: Umhlangakulu River, Natal, NW by N, 12 km, 50 fathoms.

Collected by: S.S. Pieter Faure.

[*Paguristes rosaceus*] Barnard, 1947: 375. (Transferred to *Paguristes gamianus* H. Milne Edwards by Forest, 1954.)

Syntypes: S.A.M. A8452 (3 ovigerous females; in alcohol).

Locality: Off Keurbooms River, Cape Province.

Collected by: K. H. Barnard.

PARAPAGURUS Smith

[*Parapagurus bouvieri*] Stebbing, 1910: 357. (Transferred to *Parapagurus pilosimanus* Smith, see Barnard, 1950.)

Syntype: S.A.M. A1524 (female; in alcohol).

Locality: Buffalo River, Cape Province, NW $\frac{1}{2}$ W, 30 km, 300 fathoms.
Collected by: S.S. Pieter Faure.

Parapagurus kilburni Kensley, 1973: 285.

Holotype: S.A.M. A13185 (male; in alcohol).

Paratypes: S.A.M. A13186 (4 males; in alcohol).

Locality: Off Durban, 270 metres.

Collected by: R. N. Kilburn, Natal Museum.

PYLOPAGURUS Milne Edwards & Bouvier

Pylopagurus liochele Barnard, 1947: 376.

Syntypes: S.A.M. A1543 (female; abdomen missing; in alcohol). S.A.M. A4038 (male; abdomen and pereopods detached; in alcohol).

Localities: A1543, Bird Island passage, Cape Province, 10 fathoms. A4038, Cape Seal, Cape Province W $\frac{3}{4}$ S, 9 km, 37 fathoms.

Collected by: S.S. Pieter Faure.

Family **Porcellanidae**

PISIDIA Leach

Pisidia delagoae (Barnard), 1955: 40 (as *Porcellana delagoae*, see Haig, 1965).

Holotype: S.A.M. A10703 (1 ovigerous female; pereopods detached; in alcohol).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

Family **Urotychidae**

HAPALOPTYX Stebbing

Hapaloptyx difficilis Stebbing, 1920: 263.

Holotype: S.A.M. A1440 (1 ovigerous female; carapace and appendages detached; dry; 3 slides).

Locality: Scottburgh light house, Natal, NW by W, 13 km, 92 fathoms.

Collected by: S.S. Pieter Faure.

Family **Galatheidae**

MUNIDOPSIS Whiteaves

Munidopsis barnardi Kensley, 1968: 290.

Holotype: S.A.M. A12636 (female; in alcohol).

Paratypes: S.A.M. A10497, A10508 (4 males; in alcohol). S.A.M. A10465. (2 males; in alcohol). S.A.M. A10485 (1 male, 1 female; in alcohol).

Locality: Off Cape Point, Cape Province, 2 708–3 038 metres.

Collected by: R/V *Africana II*.

Munidopsis chacei Kensley, 1968: 288.

Holotype: S.A.M. A10470 (ovigerous female; in alcohol).

Locality: Off Cape Point, Cape Province, 2 745 metres.

Collected by: R/V *Africana II*.

Family Axiidae

METICONAXIUS de Man

Meticonaxius longispina (Stebbing), 1920: 265 (as *Axius longispina*).

Holotype: S.A.M. A957 (1 slide plus fragments in alcohol).

Locality: Cape Morgan, Cape Province, NNW, 11 km, 52 fathoms.

Collected by: S.S. *Pieter Faure*.

CALOCARIS Bell

Calocaris (Calocaris) barnardi Stebbing, 1914: 9.

Syntypes: S.A.M. A1549 (2 females; dry, 1 female; in alcohol).

Locality: Cape Castle, E $\frac{1}{2}$ N, 21 km, 120 fathoms.

Collected by: S.S. *Pieter Faure*.

Family Callianassidae

CALLIANASSA Leach

Callianassa adamas Kensley, 1974: 266.

Holotype: S.A.M. A12103 (male; in alcohol).

Allotype: S.A.M. A12103 (female; in alcohol).

Paratype: S.A.M. A10985 (male; in alcohol).

Localities: S.A.M. A12103, Orange River mouth, 10–35 metres. S.A.M. A10985, Olifants River mouth.

Collected by: Diamond dredge *Emerson—K*.

Callianassa gilchristi Barnard, 1947: 379.

Syntypes: S.A.M. A942 (female; in alcohol). S.A.M. A6807 (2 males; several pereopods detached; in alcohol).

Locality: False Bay, Cape Province.

Collected by: S.S. *Pieter Faure*.

Callianassa kraussi Stebbing, 1900: 39.

Syntypes: S.A.M. A941 (4 specimens; dry, in same bottle as several from other localities).

Locality: Gordon's Bay, Cape Province.

Collected by: S.S. *Pieter Faure*.

Callianassa natalensis Barnard, 1947: 379.

Holotype: S.A.M. A8339 (female; 7 pereopods detached; in alcohol).

Locality: Natal coast, from stomach of rock cod.

Collected by: H. W. Bell-Marley.

Callianassa subterranea australis Kensley, 1974: 271.

Holotype: S.A.M. A13531 (male; in alcohol).

Allotype: S.A.M. A13532 (female; in alcohol).

Paratypes: S.A.M. A13533-4 (1 male, 1 female; in alcohol). S.A.M. A12103 (1 female; in alcohol).

Localities: S.A.M. A13531-4, Lüderitzbucht, South West Africa. S.A.M. A12103, Orange River mouth.

Collected by: University of Cape Town. Diamond dredge *Emerson-K*.

Family Upogebiidae

UPOGEBIA Leach

Upogebia assisi Barnard, 1947: 381.

Holotype: S.A.M. A4348 (1 female; pereopods detached; in alcohol).

Locality: St. Francis Bay, Cape Province.

Collected by: S.S. *Pieter Faure*.

PALINURA

Family Palinuridae

PROJASUS George & Grindley

Projasus parkeri (Stebbing), 1902: 38 (as *Jasus parkeri*).

Holotype: S.A.M. A993 (male; in alcohol).

Topotypes: S.A.M. A994-6. (2 females, 2 ovigerous females, 3 males).

Locality: Buffalo River, Cape Province, N, 24 km, 310 fathoms.

Collected by: S.S. *Pieter Faure*.

PALINURUS Fabricius

Palinurus gilchristi Stebbing, 1900: 31.

Syntype: S.A.M. A970 (male; 8 pereopods missing; in alcohol).

Topotype: S.A.M. A971 (male; 1 pereopod missing; in alcohol).

Locality: False Bay, Cape Province.

Collected by: S.S. *Pieter Faure*.

Palinurus delagoae Barnard, 1926. (See Berry & Plante 1973.)

Neotype: S.A.M. A13179 (male; in alcohol).

Locality: Off Tongaat, Natal.

Collected by: P. Berry, Oceanographic Research Institute, Durban.

PALINUSTUS Milne Edwards

Palinustus mossambicus Barnard, 1926: 126.

Holotype: S.A.M. A10684 (male; 5 pereopods missing; in alcohol).

Locality: Moçambique, 25.0S, 33.10E, 406 metres.

Collected by: S.S. *Pickle*.

Family **Eryonidae**

POLYCHELES Heller

Polycheles demani Stebbing, 1917: 28.

Paratype: S.A.M. A4343 (male; in alcohol).

Topotypes: S.A.M. A1004–10, off Cape Point, (2 males, 6 females; in alcohol).

Locality: Cape Point, Cape Province, NE by E½E 67 km, 1 645 metres.

Collected by: S.S. *Pieter Faure*.

WILLEMOESIA Grote

Willemoesia bonaspei Kensley, 1968: 294.

Holotype: S.A.M. A10543 (ovigerous female; chelipeds missing; in alcohol).

Paratypes: S.A.M. A10473 (2 males; in alcohol). S.A.M. A10509 (1 female, 2 males; in alcohol). S.A.M. A12637 (2 males; in alcohol).

Locality: Off Cape Point, Cape Province, 2 708–3 038 metres.

Collected by: R/V *Africana II*.

NATANTIA

PENAEIDEA

Family **Penaeidae**

Subfamily **Penaeinae**

PENAEUS Fabricius

[*Penaeus caeruleus*] Stebbing, 1905: 77. (Transferred to *Penaeus monodon* Fabricius, see Barnard, 1950.)

Syntypes: S.A.M. 1039 (3 specimens in bottle with A1040, A1041; in alcohol).

Locality: Nahoon River, East London, Cape Province.

Collected by: S.S. *Pieter Faure*.

PENAEOPSIS Bate

[*Penaeopsis spinulicauda*] Stebbing, 1914: 17. (Transferred to *Metapenaeus monoceros* (Fabricius), see Barnard 1950.)

Syntypes: S.A.M. A2231 (2 specimens, in same bottle as A1203; in alcohol).

Locality: Durban Bay, Natal.

Collected by: K. H. Barnard.

Subfamily *Solenocerinae**SOLENOCERA* Lucas

Solenocera africanum Stebbing, 1917: 32.

Syntypes: S.A.M. A1213 (1 female, few appendages of male; in alcohol).

Locality: Sebastian Bluff (Agulhas Bank), Cape Province, NW $\frac{3}{4}$ W, 13 km, 34 fathoms.

Collected by: S.S. Pieter Faure.

Solenocera algoense Barnard, 1947: 383.

Holotype: S.A.M. A1211 (male; in alcohol).

Locality: Nanquas Peak, Cape Province, N, 12 km, 50 fathoms.

Collected by: S.S. Pieter Faure.

Solenocera comatum Stebbing, 1915: 67.

Syntypes: S.A.M. A1217 (1 male; in alcohol). S.A.M. A1218 (1 female; in alcohol).

Locality: Off East London, Cape Province, 43–50 fathoms.

Collected by: S.S. Pieter Faure.

HYMENOPENAEUS Smith

Hymenopenaeus (Haliporoides) triarthrus (Stebbing), 1914: 21 (as *Haliporoides triarthrus*).

Syntypes: S.A.M. A3940 (3 specimens in bottle with several others; in alcohol).

Locality: East London, Cape Province, NW $\frac{1}{2}$ N, 29 km, 250–300 fathoms.

Collected by: S.S. Pieter Faure.

Subfamily *Aristaeinae**PLESIOPENAEUS* Bate

Plesiopenaeus nitidus Barnard, 1947: 383.

Syntypes: S.A.M. A1193, A1260 (3 females, 3 males; in alcohol).

Locality: Off Cape Point, Cape Province, 500–630 fathoms.

Collected by: S.S. Pieter Faure.

Family **Sergestidae****SERGESTES** Milne Edwards

[*Sergestes gloriosus*] Stebbing, 1905: 84. (Transferred to *Sergestes prehensilis* Bate by Yaldwyn 1957.)

Syntypes: S.A.M. A1050 (4 specimens, along with several specimens from the same and other localities; in alcohol).

Locality: Sandy Point, Cape Province, NW by W, 27 km, 300 fathoms.

Collected by: S.S. *Pieter Faure*.

ACETES Milne Edwards

Acetes natalensis Barnard, 1955: 43.

Syntypes: S.A.M. A11976 (2 males, 3 females; in alcohol, 1 slide of male petasma).

Locality: Durban Bay, Natal.

Collected by: University of Cape Town.

CARIDEA

Family **Stylodactylidae****STYLODACTYLUS** Milne Edwards

Stylodactylus stebbingi Hayashi & Miyake, 1968: 595.

Holotype: S.A.M. A1285 (male; in alcohol).

Paratypes: S.A.M. A1284-6 (11 ovigerous females, 1 female, 2 males; in alcohol).

Localities: S.A.M. A1284-5, Buffalo River, Cape Province, NW $\frac{1}{2}$ W, 30 km, 300 fathoms. S.A.M. A1286 South Head, Cape Province, E by S $\frac{1}{2}$ S, 24 km, 190 fathoms.

Collected by: S.S. *Pieter Faure*.

Family **Oplophoridae****NOTOSTOMUS** Milne Edwards

Notostomus auriculatus Kemp, *ined.* (see Barnard 1950).

Holotype: S.A.M. A1189 (female; in alcohol).

Locality: Off Cape Point, Cape Province, 800 fathoms.

Collected by: S.S. *Pieter Faure*.

Family **Hippolytidae****EUALUS** Thallwitz

Eualus ctenifera (Barnard), 1950: 696 (as *Spirontocaris ctenifera*).

Syntypes: S.A.M. A6809 (1 ovigerous female; in alcohol). S.A.M. A8402

(2 ovigerous females, 2 females, 2 males; in alcohol). S.A.M. A8413
(1 ovigerous female; in alcohol).

Localities: S.A.M. A6809, northern Natal coast, 70 fathoms. S.A.M.
A8402, 33.49S, 25.56E S.A.M. A8413, Durban, Natal.

Collected by: H. W. Bell-Marley, and S.S. *Pieter Faure*.

Eualus pax (Stebbing), 1915: 91 (as *Spirontocaris pax*).

Allotype: S.A.M. A3944 (ovigerous female; in alcohol).

Locality: Buffels Bay, Cape Province, 30 fathoms.

Collected by: S.S. *Pieter Faure*.

HIPPOLYTE Leach

Hippolyte palliola Kensley, 1970: 183

Holotype: S.A.M. A12710 (male; in alcohol).

Allotype: S.A.M. A12711 (ovigerous female; in alcohol).

Paratypes: S.A.M. A12712 (11 males; in alcohol).

Locality: 8 km south of Kunene River mouth, S.W.A.

Collected by: South African Museum and State Museum, Windhoek.

HIPPOLYSMATA Stimpson

Hippolysmata (Exhippolysmata) tugelae Stebbing, 1915: 94.

Syntype: S.A.M. A1274 (1 specimen, in same container as topotypes; in
alcohol).

Topotypes: S.A.M. A1274 (21 specimens; in alcohol).

Locality: Off south head of Tugela River, Natal, 12 fathoms.

Collected by: S.S. *Pieter Faure*.

LEBBEUS White

Lebbeus saldanhae (Barnard), 1947: 385 (as *Spirontocaris saldanha*).

Holotype: S.A.M. A8446 (female; in alcohol).

Locality: Off Constable Hill, Cape Province, 32 km, 145 fathoms.

Collected by: S.S. *Pieter Faure*.

LEONTOCARIS Stebbing

Leontocaris paulsoni Stebbing, 1905: 99.

Syntypes: S.A.M. A1166 (2 specimens in same container as S.A.M.
A1167-72; in alcohol).

Locality: Off Lions Head, Cape Province, 37 km.

Collected by: S.S. *Pieter Faure*.

Family **Processidae****PROCESSA** Leach

Processa austroafricana Barnard, 1947: 386.

Syntypes: S.A.M. A1097–1104 (many specimens in alcohol).

Localities: A1097, Cape St. Blaize, Cape Province, 40 fathoms. A1098, Algoa Bay, Cape Province, 10–16 fathoms. A1099, off Knysna Heads, Cape Province. A1100, Cape St. Blaize, Cape Province, 40 fathoms. A1101, off Struys Point, Cape Province, 42 fathoms. A1102, False Island, Cape Province, 49 fathoms. A1103, off Great Fish Point lighthouse, Cape Province, 40 fathoms. A1104, off Bird Island lighthouse, Cape Province, 57 fathoms.

Collected by: S.S. *Pieter Faure*.

Family **Glyphocrangonidae****GLYPHOCRANGON** Milne Edwards

Glyphocrangon dentatus Barnard, 1947: 387.

Topotype: S.A.M. A8403 (male; dry).

Locality: Moçambique.

Collected by: S.S. *Pickle*.

Family **Ogyrididae****OGYRIDES** Stebbing

Ogyrides saldanhae Barnard, 1947: 387.

Syntypes: S.A.M. A1298 (70 specimens; in alcohol).

Locality: Saldanha Bay, Cape Province, 10 fathoms.

Collected by: S.S. *Pieter Faure*.

Family **Alpheidae****ALPHEUS** Fabricius

Alpheus bullatus Barnard, 1955: 45.

Syntype: S.A.M. A10624 (male; large chela detached; in alcohol).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

Alpheus dissodontonotus Stebbing, 1915: 83.

Holotype: S.A.M. A1561 (ovigerous female; carapace and pereopods detached; in alcohol).

Locality: 33.50S, 25.46E, 20 fathoms.

Collected by: S.S. *Pieter Faure*.

Alpheus luciae Barnard, 1947: 389.

Holotype: S.A.M. A8423 (1 male; chelipeds detached; in alcohol).

Locality: St. Lucia Bay, Natal.

Collected by: H. W. Bell-Marley.

Alpheus nonalter Kensley, 1969: 172.

Holotype: S.A.M. A12650 (ovigerous female; in alcohol).

Allotype: S.A.M. A12651 (male; in alcohol).

Locality: 29.37S, 31.33E, 175–200 metres.

Collected by: R/V *Anton Bruun*, 7th Cruise.

Alpheus waltervadi Kensley, 1969: 175.

Holotype: S.A.M. A12646 (ovigerous female; in alcohol).

Paratype: S.A.M. A12647 (ovigerous female; in alcohol).

Locality: Walter's Shoal, 33.13S, 43.51E, 38–46 metres.

Collected by: R/V *Anton Bruun*, 7th Cruise.

BETAEUS Dana

Betaeus jucundus Barnard, 1947: 388.

Holotype: S.A.M. A7807 (ovigerous female; in alcohol).

Locality: Keurbooms River, Cape Province.

Collected by: K. H. Barnard.

SALMONEUS Holthuis

Salmonaeus rostratus Barnard, 1962: 240.

Syntypes: S.A.M. A11086 (2 ovigerous females; in alcohol).

Locality: Nosy Bé, Madagascar.

Collected by: University of the Witwatersrand.

SYNALPHEUS Bate

Synalpheus anisocheir Stebbing, 1915: 86.

Holotype: S.A.M. A1555 (ovigerous female; few appendages; in alcohol).

Locality: Gordon's Bay, Cape Province.

Collected by: J. D. Gilchrist.

Family **Palaemonidae**

Subfamily **Palaemoninae**

LEANDER Desmarest

[*Leander gilchristi*] Stebbing, 1915: 75. (Transferred to *Palaemon pacificus* (Stimpson) by Barnard 1950, 1955.)

Holotype: S.A.M. A3943 (ovigerous female; in alcohol).

Locality: East London, Cape Province.

Collected by J. D. Gilchrist.

[*Leander peringueyi*] Stebbing, 1915: 75. (Transferred to *Palaemon pacificus* (Stimpson) by Barnard 1950, 1955).

Holotype: S.A.M. A1276 (ovigerous female; in alcohol).

Locality: 33.49S, 25.56E.

Collected by: S.S. Pieter Faure.

PALAEEMON Fabricius

[*Palaemon delagoae*] Stebbing, 1915: 74. (Transferred to *Macrobrachium equidens* (Dana) by Holthuis 1950.)

Holotype: S.A.M. A2196 (male; chelipeds detached; in alcohol).

Locality: Delagoa Bay, Moçambique.

Collected by: A. W. Bayly.

Subfamily **Pontoniinae**

ISCHNOPONTONIA Bruce

Ischnopontonia lophos (Barnard), 1962: 242 (as *Philarius lophos*).

Holotype: S.A.M. A10652 (ovigerous female; chelipeds detached; in alcohol).

Allotype: S.A.M. A12296 (male; carapace and chelipeds detached; in alcohol).

Locality: Inhaca Island, Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

PERICLIMENAEUS Borradaile

Periclimenaeus uropodialis Barnard, 1958: 18.

Holotype: S.A.M. A10650 (females; carapace and several pereopods detached; in alcohol).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

PERICLIMENES Costa

Periclimenes (*Periclimenes*) *delagoae* Barnard, 1958: 14.

Holotype: S.A.M. A10648 (ovigerous female; carapace and most appendages detached; in alcohol).

Locality: Delagoa Bay, Moçambique.

Collected by: University of the Witwatersrand.

Family Crangonidae

METACRANGON Zarenkov

Metacrangon jacqueti bellmarleyi (Stebbing, 1914: 29) (as *Sclerocrangon bellmarleyi*).

Syntypes: S.A.M. A1077 (male; in alcohol). S.A.M. A1564 (female; in alcohol).

Locality: Cape Natal, N by E, 38 km, 440 fathoms.

Collected by: S.S. Pieter Faure.

PONTOPHILUS Leach

Pontophilus megalochair (Stebbing), 1915: 71 (as *Philocheras megalochair*).

Holotype: S.A.M. A1317 (female; carapace and most appendages detached; in alcohol).

Locality: Off Cove Rock, East London, Cape Province, 25 fathoms.

Collected by: S.S. Pieter Faure.

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